Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection
Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

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June 19, 2015

Peter Pulcini
Laboratory Manager
Fountain Plating Company, Inc.
492 Prospect Avenue
West Springfield, MA 01089

Re: 310 CMR 7.00 – APPENDIX C
Transmittal # X260997
RENEWAL OPERATING PERMIT

At: Fountain Plating Company, Inc.
492 Prospect Avenue
West Springfield, MA 01089

Dear Mr. Pulcini:

In accordance with 310 CMR 7.00—APPENDIX C(6) of the Air Pollution Control Regulations ("the Regulations"), the Department of Environmental Protection ("Department") is forwarding to EPA the attached Final Renewal Operating Permit for the Fountain Plating Company facility located at 492 Prospect Avenue in West Springfield, Massachusetts.

Public notice of the Draft Operating Permit was published by the Department in the Springfield Union News/Sunday Republican on Monday March 23, 2015 and in The Environmental Monitor on Wednesday March 25, 2015, in accordance with the requirements of 310 CMR 7.00: Appendix C. As such, the public comment period ended on April 24, 2015. During that period, no comments were received. No public hearing was requested pursuant to 310 CMR 7.00: Appendix C(6)(f).

On April 27, 2015, MassDEP forwarded to EPA Region 1, via electronic mail, the Proposed Operating Permit for this facility. EPA did not object or comment on the Proposed Operating Permit. Therefore, MassDEP is issuing the Final Operating Permit.

The attached FINAL Operating Permit contains all of the federal and state air pollution requirements, to which the facility is subject, and the terms and conditions for compliance with such applicable requirements.

If you have any questions concerning this FINAL Operating Permit, please contact Todd Wheeler of the Western Regional Office at (413) 755-2297.

Sincerely,

This final document copy is being provided to you electronically by the Department of Environmental Protection. A signed copy of this document is on file at the DEP office listed on the letterhead.

_____

Marc Simpson
Air Quality Permit Chief
Western Region

ecc: Donald Dahl, USEPA Region 1
Peter Czapienski, MassDEP, WERO
Yi Tian, MassDEP, Boston
Karen Regas, MassDEP, Boston

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AIR QUALITY OPERATING PERMIT

Issued by the Massachusetts Department of Environmental Protection ("Department" or "MassDEP") pursuant to its authority under M.G.L. c. 111, §142B and §142D, 310 CMR 7.00 et seq., and in accordance with the provisions of 310 CMR 7.00: Appendix C.

ISSUED TO ["the Permittee"]:
Fountain Plating Company, Inc.

INFORMATION RELIED UPON:
Application No. WE-14-022
Transmittal No. X260997

FACILITY LOCATION:
Fountain Plating Company
492 Prospect Avenue
West Springfield, MA 01089-4559

FACILITY IDENTIFYING NUMBERS:
AQ ID: 0420187
FMF FAC NO.: 131227
FMF RO NO.: 50121

NATURE OF BUSINESS:
Metal Finishing, parts cleaning, electroplating and painting

Standard Industrial Classification (SIC): 3471, 3479
North American Industrial Classification System (NAICS): 332812 and 332813

RESPONSIBLE OFFICIAL:
Name: Peter Pulcini
Title: Laboratory Manager

FACILITY CONTACT PERSON:
Name: Peter Pulcini
Title: Laboratory Manager
Phone: (413) 781-4651
Email: peter@fountain-plating.com

This Operating Permit shall expire on 6 / 19 / 2020 .

For the Department of Environmental Protection

This final document copy is being provided to you electronically by the Department of Environmental Protection. A signed copy of this document is on file at the DEP office listed on the letterhead.

Michael Gorski
Regional Director
Department of Environmental Protection
Western Regional Office

6 / 19 /2015
Date

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SPECIAL CONDITIONS FOR OPERATING PERMIT

1. PERMITTED ACTIVITIES

In accordance with the provisions of 310 CMR 7.00:Appendix C and applicable rules and regulations, the Permittee (Fountain Plating Corporation, hereinafter "FPC") is authorized to operate air emission units as shown in Table 1 and exempt, and insignificant activities as described in 310 CMR 7.00:Appendix C(5)(h) and (i). The units described in Table 1 are subject to the terms and conditions shown in Sections 4, 5, and 6 and to other terms and conditions as specified in this Permit. Emissions from the exempt activities shall be included in the total facility emissions for the emission-based portion of the fee calculation described in 310 CMR 4.00 and this Permit.

A. DESCRIPTION OF FACILITY AND OPERATIONS

FPC is a job shop type operation primarily engaged in metal finishing including metal parts cleaning, electroplating, anodizing, masking and painting. The facility is located at 492 Prospect Avenue in West Springfield, Massachusetts. The facility air emission sources include a solvent batch vapor degreaser, chrome plating operations controlled by four roof-mounted fume scrubbers, ten manual paint spray booths and paint masking operations, one boiler, one fuel oil underground storage tank, and one curing oven. FPC also has a laboratory, which includes laboratory hoods, wet chemistry, and an exhaust from a pilot bench top plating line. FPC has removed the black chromium plating tank and the decorative chromium plating tank originally designated as emission unit (EU) 5. FPC also conducts activities associated with the manufacture or rework of aerospace vehicles or components.

FPC operates one oil/natural gas fired Iron Fireman (Model No. 302-L-250) with a maximum heat input capacity of 8.375 million British thermal units per hour ("MMBtu/hr"). New Source Performance Standards ("NSPS") 40 CFR 60 Subpart Dc applies to only boilers between 10 MMBtu/hr and 100 MMBtu/hr installed after June 9, 1989 and as such is not applicable to this boiler. Additionally, this boiler is otherwise exempt from permitting in Massachusetts and is considered an insignificant source according to 310 CMR 7.02(4)(a)(2).

The National Emission Standards for Hazardous Air Pollutants (NESHAP) for Area Sources: Industrial, Commercial, and Institutional Boilers (40 CFR Part 63 Subpart JJJJJJ) which applies to each new, reconstructed, or existing industrial, commercial or institutional boiler located at an area source was published in the Federal Register on March 21, 2011 and the USEPA finalized changes to the rule in the Federal Register on February 1, 2013. Therefore, Subpart JJJJJJ applies to the existing natural gas and #2 fuel oil-fired 8.375 MMBtu/hr Iron Fireman Model 302-L-250 boiler. According to Subpart JJJJJJ, the existing boiler must comply with the applicable requirements of the subpart no later than March 21, 2014. The applicable requirements have been included in this operating permit.

FPC is subject to the requirements of 40 CFR 63 subpart GG – National Emission Standards for Aerospace Manufacturing and Rework Facilities; hereinafter ("NESHAP for Aerospace Manufacturing Emissions"); cleaning operations, hand-wipe and spray gun cleaning and primer/topcoat VOC/HAP usage. FPC uses only coatings identified as specialty coatings and /or low-volume coatings under 40 CFR 63.741(f) and (g). The facility is subject to a facility-wide restriction of less than or equal to 21 tons per year of VOCs, less than 10 tons per year of a single HAP and less than 25 tons per year of multiple HAPs. The primary source of facility HAPs are emitted from the trichloroethylene (TCE) vapor

degreaser, which is restricted by permit to less than 1 ton/month and less than 10 tons/year.

FPC is subject to the requirements of 40 CFR 63 subpart N – National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Chromium Anodizing Tanks; hereinafter ("NESHAP for Chromium Emissions"). On August 15, 2012, U.S. EPA issued final amendments to the NESHAP for Chromium Emissions. For existing sources, the compliance date for meeting the new emissions limits is no later than 2 years after the effective date of the final rule. Rule changes included; A reduction in the chromium emissions limit for certain categories of affected sources; Additional housekeeping requirements to minimize fugitive emissions, which must be implemented no later than 6 months after the effective date of the final rule, and; Minor revisions or additions to testing, monitoring, recordkeeping, and reporting requirements, including the introduction of the Electronic Reporting Tool (ERT). Since all of the hard chromium electroplating and anodizing equipment exhausts to a common air pollution control device, the system-wide emission limit was calculated in accordance with the new limits in 40 CFR 63.344(e)(4) and is not representative of the emission limit in NMCPA 1-P-10-032 (dated 10/01/10).

The Facility is exempt from Compliance Assurance Monitoring (CAM). 40 CFR 64.2(b) lists several specific exemptions to the CAM rule. Certain emission limitations or standards are exempted, including: new source performance standards (NSPS) or national emission standards for hazardous air pollutants (NESHAP) proposed after November 15, 1990. 40 CFR 63 NESHAP Subparts pertaining to the Facility that are exempt from CAM in accordance with 40 CFR 64.2(b)(i) are 40 CFR 63 Subparts N, T, and GG.

In accordance with the MassDEP Administrative Consent Order (ACOP-WE-99-9008-27) dated April 6, 2001, Fountain Plating was obligated to submit an applicability determination to the Environmental Protection Agency ("EPA") for the purpose of determining whether a Title V Operating Permit was required. EPA referenced their "once in, always in" policy with regards to 40 CFR 63, Subpart N and Subpart T standards. EPA determined that because Fountain Plating did not take on a restriction to opt out of Title V, they were required to comply with the requirements of 40 CFR 70.

The facility is also subject to the Operating Permit and Compliance Program pursuant to 310 CMR 7.00: Appendix C(2), because in accordance with 40 CFR 63.741(d), an owner or operator of an affected source subject to Subpart GG shall apply for and obtain an Operating Permit from the permitting authority in the State in which the source is located in accordance with the regulations contained in 40 CFR 70.

Massachusetts promulgated the 310 CMR 7.71 Reporting for Greenhouse Gas Emissions regulations on June 26, 2009. Pursuant to 310 CMR 7.71(3)a1., Fountain Plating is subject to the applicable requirements of this regulation which have been included in this Operating Permit.

Tables 3, 4, 5, 6, and 8 of this Operating Permit contain the air quality requirements and regulations to which Fountain Plating is subject.

2. EMISSION UNIT IDENTIFICATION

The following emission units (Table 1) are subject to and regulated by this Operating Permit:

Table 1

EU	Description of EU	EU Design Capacity	Pollution Control Device (PCD)
EU 1	Baron Blakeslee DP-8-3648 Vapor Degreaser	N/A	Freeboard Refrigeration Device
EU 2	Two De Villbis #JGA510 Paint Spray Booths, Dept. 13a	N/A	Fabric Filters
EU 3	One De Villbis #JGA510 Paint Spray Booth, Dept. 16	N/A	Fabric Filters
EU 4	Six (6) hard chrome plating tanks (tanks 575 through 580), four (4) chromium anodizing tanks (178, 1673, 1679A and 1679B) and one chromium stripping tank (562)	N/A	Individual composite mesh pad mist eliminator for each unit Composite mesh pad scrubber for all 11 tanks combined (scrubber No. 3)
EU 6	Iron Fireman model No. 302-L-250 boiler	8.375 MMBtu/hr	None
EU 7	One Mannix, or equivalent, paint spray booth, and associated paint spray gun(s), including cleanup operations	N/A	Fabric Filters
EU 8	One Mannix, or equivalent, paint spray booth, and associated paint spray gun(s), including cleanup operations	N/A	Fabric Filters
EU 9	One Mannix, or equivalent, paint spray booth, and associated paint spray gun(s), including cleanup operations	N/A	Fabric Filters
EU 10	One Mannix, or equivalent, paint spray booth, and associated paint spray gun(s), including cleanup operations	N/A	Fabric Filters
EU 11	One Mannix, or equivalent, paint spray booth, and associated paint spray gun(s), including cleanup operations	N/A	Fabric Filters
EU 12	One Mannix, or equivalent, paint spray booth, and associated paint spray gun(s), including cleanup operations	N/A	Fabric Filters
EU 13	One Mannix, or equivalent, paint spray booth, and associated paint spray gun(s), including cleanup operations	N/A	Fabric Filters

Table 1 Key
EU = Emission Unit
PCD = Pollution Control Device
Dept. = Department
N/A = Not Applicable
MMBtu/hr = Million British Thermal units per hour
No. = Number

3. IDENTIFICATION OF EXEMPT ACTIVITIES

The following are considered exempt activities in accordance with the criteria contained in 310 CMR 7.00: Appendix C(5)(h):

Table 2

Description of Current Exempt Activities	Reason
The list of current exempt activities is contained in the Operating Permit application and shall be updated by the Permittee to reflect changes at the facility over the Permit term. An up-to-date copy of exempt activities list shall be kept on-site at the facility and a copy shall be submitted to the MassDEP's Regional Office. Emissions from these activities shall be reported on the annual emissions statement pursuant to 310 CMR 7.12.	310 CMR 7.00:Appendix C(5)(h)

4. APPLICABLE REQUIREMENTS

A. OPERATIONAL AND/OR PRODUCTION EMISSION LIMITS AND RESTRICTIONS

The Permittee is subject to the limits/restrictions as contained in Table 3 below:

Table 3a

EU	Fuel/Raw Material	Restrictions	Pollutant	Emissions Limits/Standards	Applicable Regulation and/or Approval No
EU 1	Trichloroethylene (TCE)	See Section 5 – Special Terms and Conditions	VOC (TCE)	Freeboard refrigeration device, Reduced room draft, and Freeboard ratio ≥ 1.0	310 CMR 7.18(8)(b) Approval 1-P-10-032 (dated 10/1/10) 40 CFR Part 63, Subpart T 40 CFR 63, Subpart T – Control Option 6 of Table 2
EU 2 EU 3 EU 7 EU 8 EU 9 EU 10 EU 11 EU 12 EU 13	Paint, including cleanup materials	Pursuant to 40 CFR 63.741(g), the use of low-volume coatings, including primers or topcoats, shall not exceed an annual total of 50 gallons for each separate formulation used by the Permittee and the combined annual total of all such primers and topcoats used at the facility shall not exceed 200 gallons. Primers or topcoats which are also specialty coatings, as defined in 40 CFR 63.742, are not included in the 50 gallon and 200 gallon annual limits.	VOC	< 3.0 tons per calendar month and < 9.9 tons during any 12 consecutive month period	Approval 1-P-11-019 (dated 11/21/11) 40 CFR Part 63, Subpart GG
		See Section 5 – Special Terms and Conditions	Total HAP	< 1.5 tons per calendar month and < 5.0 tons during any 12 consecutive month period	
			Opacity	Visible emissions from the exhaust stack of each paint spray booth shall have 0% opacity	
EU 4	Chromic acid	See Section 5 – Special Terms and Conditions – Pressure drop across composite mesh-pad system compliant with initial test.	Chromium	0.00954 mg/dscm 283.2 mg/hr	40 CFR Part 63, Subpart N [(1)]

Table 3b

EU	Fuel/Raw Material	Restrictions	Pollutant	Emissions Limits/Standards	Applicable Regulation and/or Approval No
EU 6	No. 2 fuel oil, Natural gas	None	PM	0.10 Lb/MMBtu	Regulation 310 CMR 7.02(8)(h)
			Smoke	No. 1 of the Chart no more than 6-minutes during any one hour, at no time to exceed No. 2 of the Chart	Regulation 310 CMR 7.06(1)(a)
			Opacity	≤ 20%, except 20 to ≤ 40% for ≤ 2 minutes during any one hour	Regulation 310 CMR 7.06(1)(b)
			Sulfur in Fuel	≤ 0.05% S by weight from July 1, 2014 through June 30, 2018 ≤0.0015% S on and after July 1, 2018	Regulation 310 CMR 7.05(1)(a)1.
Facility-wide	No. 2 fuel oil, Natural gas, Paint, cleanup materials and TCE	None	VOC	≤ 21.0 tons / rolling 12 calendar month (2)	Approval 1-O-07-046
			HAP	TCE < 1.0 tons/month Single HAP < 10 tons / year (3) Total HAP < 25 tons / year (3)	
		None	Greenhouse gas (4)	N/A	310 CMR 7.71 (state only)

Table 3 Key:

EU = Emission Unit
CFR = Code of Federal Regulations
CMR = Code of Massachusetts Regulations
VOC = Volatile Organic Compounds
HAP (single) = maximum single Hazardous Air Pollutant
HAP (total) = total Hazardous Air Pollutants
CO_2 = Carbon Dioxide
PM = Particulate Matter
TCE = Trichloroethylene
lb/MMBtu = pounds per Million British thermal units
% = percent
< = less than
≤ = less than or equal to
mg/dscm = milligrams per dry standard cubic meter
mg/hr = milligrams per hour
lbs/hr = pounds per hour

Table 3 Foot Notes:

1. New Limits in 40 CFR 63, Subpart N (Chromium Electroplating NESHAP) promulgated on August 15, 2012 for both Anodizing and Hard Chromium Electroplating sources are more stringent than the Emission Limits listed in Approval 1-P-10-032 (dated 10/1/10).
2. Based on a 12-month rolling total. Compliance with a 12-month rolling total is determined each month by adding the previous 12 months of HAP emissions and comparing the total to the limit specified above.
3. To calculate the amount of a consecutive 12 month rolling period take the current calendar month amount and add it to the previous 11 calendar months total amount.
4. Greenhouse Gas means any chemical or physical substance that is emitted into the air and that the department may reasonably anticipate will cause or contribute to climate change including, but not limited to, CO_2, CH_4, N_2O, SF_6, hydrofluorocarbons (HFCs), and perfluorocarbons (PFCs).

B. COMPLIANCE DEMONSTRATION

The Permittee is subject to the monitoring/testing, record keeping, and reporting requirements as contained in Tables 4, 5, and 6 below and 310 CMR 7.00 Appendix C (9) and (10) and applicable requirements contained in Table 3:

Table 4a

EU	Monitoring And Testing Requirements
EU 1	1. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.466(a)(1), on a weekly basis, the Permittee shall measure and record the temperature at the center of the chilled air blanket during idling mode using a thermometer or thermocouple.
	2. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.466(b)(1), on a monthly basis, the Permittee shall conduct a visual inspection of the degreaser cover to ensure that it opens and closes properly, completely covers the opening when closed, and is free from cracks, holes, and other defects.
	3. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.466(d)(1), on a weekly basis, the Permittee shall either measure room draft or monitor the room parameters affecting room draft to ensure that they are the same as the conditions observed or established during the last measurement of room draft.
EU 2 EU 3 EU 7 EU 8 EU 9 EU 10 EU 11 EU 12 EU 13	4. In accordance with Approval 1-P-11-019 and 40 CFR 63.750(b)(1) , the Permittee shall determine the composite vapor pressure for single-component hand-wipe cleaning solvents using Material Safety Data Sheets (MSDS) or other manufacturer's data, standard engineering reference texts, or other equivalent methods.
	5. In accordance with Approval 1-P-11-019 and 40 CFR 63.750(b)(2), the Permittee shall determine the composite vapor pressure for blended hand-wipe solvent by quantifying the amount of each organic compound in the blend using manufacturer's supplied data or a gas chromatographic analysis in accordance with ASTM E 260-91 or 96 (incorporated by reference-see Section 63.14 of subpart A of this part) and by calculating the composite vapor pressure of the solvent by summing the partial pressure of each component. The vapor pressure of each component shall be determined using the manufacturer's data, standard engineering reference texts, or other equivalent methods. The equation stated in 40 CFR 63.750(b)(2) shall be used to determine the composite vapor pressure.
	6. In accordance with Approval 1-P-11-019 and 40 CFR 63.751(a), the Permittee shall visually inspect the seals and all other potential sources of leaks associated with each enclosed gun spray cleaner system at least once per month. Each inspection shall occur while the system is in operation.
	7. In accordance with Approval 1-P-11-019 and the best available control technology provision of 310 CMR 7.02(8)(a)2., the Mannix paint spray booths (Emission Unit #7 through #13), or equivalent as determined by MassDEP, and Emission Unit #2 and #3 shall be equipped with instrumentation to continuously monitor the pressure drop across the paint spray booth filters.
EU 4	8. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.343(c)(1)(ii), the Permittee shall monitor and record the pressure drop across each mist eliminator and scrubber No. 3 once each day that said equipment is in operation.
EU 6	9. In accordance with 310 CMR 7.04(4)(a), the Permittee shall inspect and maintain each boiler in accordance with the manufacturer's recommendations and test each boiler in accordance with the manufacturer's recommendations for efficient operation once each calendar year.
	10. In accordance with 40 CFR 63.11201(b) and Table 2, the Permittee shall conduct an initial performance tune-up of EU #6 as specified in 40 CFR 63.11214, and conduct a tune-up of EU #6 biennially as specified in 40 CFR 63.11223(b)(1) through (7).

Table 4b	
EU	**Monitoring And Testing Requirements**
EU 6	11. In accordance with 40 CFR 63.11223(a) and (b)(1) through (5) and (b)(7), the Permittee shall conduct each tune-up while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the 12 months prior to the tune-up. Each biennial performance tune-up must be conducted no more than 25 months after the previous tune-up. The tune-up shall be conducted as specified below. a. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection. b. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available. c. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection. d. Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the unit is subject. e. Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable carbon monoxide analyzer. f. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.
	12. In accordance with 310 CMR 7.00 Appendix C(9)(b), the Permittee shall monitor sulfur content of each new shipment of No.2 fuel oil received. Compliance with percent sulfur-in-fuel requirements can be demonstrated by maintaining a shipping receipt from the fuel supplier (shipping receipt certification) or through testing (testing certification).
	13. The shipping receipt certification or testing certification of percent sulfur-in-fuel shall document that sulfur testing has been done in accordance with the applicable ASTM methods (D129-95, D1266-91, D1552-95, D2622-92, and D4294-90), or any other method approved by MassDEP and EPA.

Table 4c	
EU	**Monitoring And Testing Requirements**
Facility - wide	14. The Permittee shall monitor operations such that information may be compiled for the preparation of a Source Registration/Emission Statement Form as required by 310 CMR 7.12.
	15. In accordance with 310 CMR 7.13, the Permittee shall conduct stack testing, upon written request of MassDEP, for any air contaminant for which MassDEP has determined testing is necessary, to ascertain compliance with MassDEP's regulations or design approval provisos. All such testing shall be conducted in accordance with 310 CMR 7.13 (1) and (2), and in accordance with the applicable procedures specified in 40 CFR 60 Appendix A or other method(s) if approved by MassDEP and EPA.
	16. In accordance with 310 CMR 7.71(1) and Appendix C(9) establish and maintain data systems or record keeping practices (e.g. fuel use records, SF_6 usage documentation, Continuous Emissions Monitoring System) for greenhouse gas emissions to ensure compliance with the reporting provisions of M.G.L. c. 21N, the Climate Protection and Green Economy Act, St. 2008, c. 298, § 6. (State only requirement)

Table 4 Key*:*

EU = Emission Unit
CFR = Code of Federal Regulations
CMR = Code of Massachusetts Regulations
ASTM = American Society for Testing & Materials
MassDEP = Massachusetts Department of Environmental Protection
EPA = United States Environmental Protection Agency
NH_3 = Ammonia
lbs/MMBtu = pounds per Million British thermal units
% = percent
VOC = Volatile Organic Compounds
HAPs (total) = total Hazardous Air Pollutants.

Table 5a

EU	Record Keeping Requirements
EU 1	1. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.467(a), the Permittee shall maintain the following records for the lifetime of the vapor degreaser: owner's manuals and/or written maintenance and operating procedures; the date of installation of the vapor degreaser and all of its control devices; and documentation of the halogenated HAP solvent content for each solvent used.
	2. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.467(b)(1), the Permittee shall maintain the results of the monitoring required by Table 4a, conditions 1-3 contained herein.
	3. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.467(b)(2), the Permittee shall maintain records of preventative maintenance, inspections, and repairs performed on the vapor degreaser or its control devices.
	4. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.467(b)(3), the Permittee shall maintain an estimate of the amount of solvent consumed by the vapor degreaser each year.
	5. In accordance with 310 CMR 7.18(8)(g), the Permittee shall prepare and maintain daily records sufficient to demonstrate compliance consistent with an instantaneous averaging time as stated in 310 CMR 7.18(2)(a). Records kept to demonstrate compliance shall be kept on site for three years and shall be made available to representatives of MassDEP and EPA in accordance with the requirements of an approved compliance plan or upon request. Such records shall include, but are not limited to: a. identity, quantity, formulation and density of solvent(s) used; b. quantity, formulation and density of all waste solvent(s) generated; c. actual operational and performance characteristics of the degreaser and any appurtenant emissions capture and control equipment, if applicable; and d. any other requirements specified by MassDEP in any approval(s) and/or order(s) issued to the person
EU 2 EU 3 EU 7 EU 8 EU 9 EU 10 EU 11 EU 12 EU 13	6. In accordance with Approval 1-P-11-019 and 40 CFR 63.752(b)(1), the Permittee shall record the name, vapor pressure and documentation showing the organic HAP constituents of each cleaning solvent used for affected cleaning operations at the facility
	7. In accordance with Approval 1-P-11-019 and 40 CFR 63.752(b)(3), the Permittee shall record, for each cleaning solvent used in hand-wipe cleaning operations that does comply with the vapor pressure requirement in 40 CFR 63.744(b)(2): a. The name of each cleaning solvent used; b. The composite vapor pressure of each cleaning solvent used; c. All vapor pressure test results, if appropriate, data and calculations used to determine the composite vapor pressure of each cleaning solvent; and d. The amount (in gallons) of each cleaning solvent used each month at each operation.
	8. In accordance with Approval 1-P-11-019 and 40 CFR 63.752(b)(5), the Permittee shall keep a record of all leaks from enclosed spray gun cleaners identified pursuant to 40 CFR 63.751(a) that includes for each leak found: a. Source identification; b. Date leak was discovered; and c. Date leak was repaired.
	9. In accordance with Approval 1-P-11-019, the Permittee shall maintain a usage log for all coatings that meet the specialty coating definition as specified in 40 CFR 63.742
	10. In accordance with Approval 1-P-11-019, the Permittee shall maintain a usage log for all low-volume coatings and shall record the quantity (gallons) of each separate coating formulation used each month and each year as well as the combined monthly and annual total for all low-volume coatings used at the facility.

Table 5b

EU	Record Keeping Requirements
EU 2 EU 3 EU 7 EU 8 EU 9 EU 10 EU 11 EU 12 EU 13	11. In accordance with Approval 1-P-11-019, the Permittee shall prepare and maintain sufficient daily records for each paint spray booth. Such records shall include, but are not limited to: a. For each coating, as applied: 1. Gallons of coating used; 2. Coating density (pounds per gallon); 3. Pounds of VOC per gallon of coating; 4. Pounds of solids per gallon of coating 5. Pounds of water per gallon of coating; 6. Pounds of other non-VOC liquid per gallon coating; 7. Pounds of VOC per gallon of solids as applied; and 8. Pounds of HAP per gallon of coating b. Gallons of exempt/non-compliance coatings used; c. Gallons of cleanup solution used, pounds of VOC per gallon and pounds of HAP per gallon; and d. Maintenance records of filter pad replacement and disposal Records shall be kept on site for five years and must be made available to representatives of the MassDEP upon request
	12. In accordance with Approval 1-P-11-019, the Permittee shall record the pressure drop across each of the paint spray booth filters once each shift during which coating operations occur and record the acceptable limit of pressure drop as specified by the filter or booth manufacturer.
	13. In accordance with Approval 1-P-11-019 , by the 30th day of each month, the Permittee shall calculate and record the volatile organic compound emissions from the surface coating of miscellaneous metal parts and products (Emission Unit #2, #3 and #7 through #13), including cleanup operations, for the previous calendar month and for the previous 12-month period.
	14. In accordance with Approval 1-P-11-019, by the 30th day of each month, the Permittee shall calculate and record the individual and total HAP emissions from the surface coating of miscellaneous metal parts and products (Emission Unit #2, #3 and #7 through #13), including cleanup operations, for the previous calendar month and for the previous 12-month period.
EU 4	15. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.346(b)(8), the Permittee shall maintain results of daily measurements of pressure drop across each mist eliminator and scrubber No. 3 for each day that the equipment is in operation.
	16. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.346(b)(1), the Permittee shall maintain records of inspections of the mist eliminators, scrubber No. 3, and monitoring equipment to document that the Permittee complied with the work practice standards listed in Section 5 Special Terms and Conditions, Condition #22 contained herein. Such records shall include an identification of the device inspected, the date of inspection, a brief description of the working condition of the device during the inspection, and any actions taken to correct deficiencies.
	17. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.346(b)(2), the Permittee shall maintain records of all maintenance performed on the chromium electroplating and anodizing tanks, mist eliminators, scrubber No. 3, and monitoring equipment.
	18. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.346(b)(3), the Permittee shall maintain records of malfunctions of process equipment, air pollution control devices, and monitoring equipment. Such records shall include the identity of the malfunctioning equipment, the date and time of occurrence, the duration, and the cause (if known).
	19. In accordance with Approval 1-P-10-032, dated 09/24/02 and 40 CFR Part 63.346(b)(4) and (5), the Permittee shall maintain records of actions taken during periods of malfunction. Such records shall indicate whether or not the actions were consistent with the O&M plan.

Table 5c

EU	Record Keeping Requirements
EU 4	20. In accordance with Approval 1-P-10-032, 40 CFR Part 63.346(b)(6) and (7), the Permittee shall maintain test reports or other written records documenting the results of all performance tests, including descriptions of facility operating conditions during testing.
	21. In accordance with Approval 1-P-10-032, 40 CFR Part 63.346(b)(9) and (10), the Permittee shall maintain records of periods of excess emissions, including the date and time of commencement and completion and the reasons for excess emissions (if known).
	22. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.346(b)(12), the Permittee shall maintain records of the actual cumulative rectifier capacity of hard chromium plating tanks expended during each month and the total capacity expended to date during a reporting period.
EU 6	23. In accordance with 40 CFR 63.11225(c)(1), (c)(2)(i), (c) (4), (c)(5), the Permittee shall maintain the following records: a. As required in 40 CFR 63.10(b)(2)(xiv), keep a copy of each notification and report that is submitted to comply with 40 CFR Part 63, Subpart JJJJJJ and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted. b. The identity of each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned. c. Records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment. d. Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in 40 CFR 63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.
	24. In accordance with 40 CFR 63.11223(b)(6), the Permittee shall maintain on-site and submit, if requested by MassDEP or the USEPA, a report containing the information in paragraphs 40 CFR 63.11223(b)(6)(i) through (iii) and as specified below. a. The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler. b. A description of any corrective actions taken as a part of the tune-up of the boiler. c. The type and amount of fuel used over the 12 months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.
	25. In accordance with 40 CFR 63.11225(d), the records must be in a form suitable and readily available for expeditious review. The Permittee must keep each record for 5 years following the date of each recorded action. You must keep each record on-site or be accessible from a central location by computer or other means that instantly provide access at the site for at least 2 years after the date of each recorded action. You may keep the records off site for the remaining 3 years.
	26. In accordance with 310 CMR 7.04(4)(a), the Permittee shall maintain records of the results of the inspection, maintenance, and annual testing required by this Regulation and shall post these results conspicuously on or near the emission unit.
	27. In accordance with 310 CMR 7.00 Appendix C(9)(b)2., the Permittee shall demonstrate compliance for each new shipment of No. 2 fuel oil received with the % sulfur-in-fuel requirement specified in 310 CMR 7.05(1)(a)2 by maintaining records of testing certifications or shipping receipt certifications, either of which must certify that the shipment complies with the ASTM specifications for #2 oil and the specified % sulfur-in-fuel requirement.

Table 5d	
EU	**Record Keeping Requirements**
Facility-wide	28. In accordance with 310 CMR 7.00 Appendix C(10)(b), the Permittee shall maintain records of all monitoring data and supporting information on-site for a period of at least five years from the date of the monitoring sample, measurement, report or initial operating permit application. Supporting information includes, at a minimum, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the operating permit, and any other information required to interpret the monitoring data.
	29. In accordance with 310 CMR 7.00 Appendix C(10)(b), the Permittee shall maintain records of all monitoring data and supporting information on-site for a period of at least five years from the date of the monitoring sample, measurement, report or initial operating permit application.
	30. In accordance with 310 CMR 7.12(3)(b), the Permittee shall maintain copies of Source Registration and other information supplied to the Department to comply with 310 CMR 7.12, which shall be retained by the facility owner or operator for five years from the date of submittal.
	31. In accordance with Approval 1-P-10-032, the Permittee shall calculate and record by the 30th day of each month, the facility-wide emissions of VOCs for the previous calendar month and for the previous 12-month period.
	32. In accordance with 1-O-07-046, the Permittee shall calculate and record by the 30th day of each month, the facility-wide emissions of individual and total HAP emissions for the previous calendar month and for the previous 12-month period.
	33. In accordance with 310 CMR 7.71 (6) b. and c. retain at the facility for five years and make available to the Department upon request copies of the documentation of the methodology and data used to quantify emissions. (State only requirement)

Table 5 Key:

EU = Emission Unit
CFR = Code of Federal Regulations
CMR = Code of Massachusetts Regulations
O&M = Operation and Maintenance
PCD = Pollution Control Device
HAP = Hazardous Air Pollutant
VOC = Volatile Organic Compound
% = Percent
ASTM = American Society for Testing & Materials

Table 6a

EU	Reporting Requirements
EU 1	1. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.468(f), the Permittee shall submit an annual report to MassDEP and EPA by January 30 of each year covering the preceding calendar year. Each annual report shall contain: a. A signed statement from the facility owner or his or her designee stating "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in 40 CFR §63.463(d)(10)." and, b. An estimate of the annual solvent consumption for the vapor degreaser.
	2. In accordance with 40 CFR Part 63.468(h), the Permittee shall submit an exceedance report to the Administrator semiannually except when, the Administrator determines on a case-by-case basis that more frequent reporting is necessary to accurately assess the compliance status of the source or an exceedance occurs. Once an exceedance has occurred the owner or operator shall follow a quarterly reporting format until a request to reduce reporting frequency under paragraph (i) of this section is approved. Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter, as appropriate. The exceedance report shall include the applicable information in 40 CFR Part 63.468(h) (1) – (3).
	3. In accordance with Approval 1-P-10-032, the Permittee shall submit semiannual reports to MassDEP (one by January 30 for the time period July - December of the previous calendar year, and the other by July 30 for the time period January - June of the current calendar year). Each report shall summarize the VOC emissions during each month from parts cleaning (degreasing operation, using TCE).
EU 2 EU 3 EU 7 EU 8 EU 9 EU 10 EU 11 EU 12 EU 13	4. In accordance with Approval 1-P-11-019 and 40 CFR 63.753(b)(1), the Permittee shall submit semiannual reports to MassDEP and EPA (one by January 30 for the time period July - December of the previous calendar year, and the other by July 30 for the time period January - June of the current calendar year). The reports shall include: a. Any instance where a noncompliant cleaning solvent is used for a non-exempt hand wipe cleaning operation; b. A list of any new cleaning solvents used for hand-wipe cleaning in the previous 6 months and, as appropriate, their composite vapor pressure or notification that they comply with the composition requirements specified in 40 CFR 63.744(b)(1); c. Any instance where a noncompliant spray gun cleaning method is used; d. Any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days; and e. If the operations have been in compliance for the semiannual period, a statement that the cleaning operations have been in compliance with the applicable standards. Source shall also submit a statement of compliance signed by a responsible company official certifying that the facility is in compliance with all applicable requirements.
	5. In accordance with 40 CFR 63.753(c)(1), the Permittee shall submit semiannual reports to MassDEP and EPA (one by January 30 for the time period July - December of the previous calendar year, and the other by July 30 for the time period January - June of the current calendar year). The reports shall identify: a. All times when the topcoat or primer operation was not immediately shutdown when the pressure drop across the filter system was recorded outside specific limits specified by the filer or booth manufacturer or in locally prepared operating procedures. b. If the operations have been in compliance for the semiannual period, a statement that the operations have been in compliance with the applicable standards.
	6. In accordance with 40 CFR 63.753(c)(2), the Permittee shall submit an annual report to MassDEP and EPA by January 30 of each year the number of times the pressure drop was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operating procedures.

Table 6b

EU	Reporting Requirements
EU 2 EU 3 EU 7 EU 8 EU 9 EU 10 EU 11 EU 12 EU 13	7. In accordance with Approval 1-P-11-019, the Permittee shall submit semiannual reports to MassDEP (one by January 30 for the time period July - December of the previous calendar year, and the other by July 30 for the time period January - June of the current calendar year) for the VOC emissions from the miscellaneous metals parts coating. Each report shall include: a. The VOC emissions from the surface coating of miscellaneous metal parts and products (Emission Unit #2, #3 and #7 through #13), including cleanup operations, during each month and during each 12 consecutive month period that ended during the reporting period; and, b. The total HAP emissions from the surface coating of miscellaneous metal parts and products (Emission Unit #2, #3 and #7 through #13), including cleanup operations, during each month and during each 12 consecutive month period that ended during the reporting period.
EU 4	8. In accordance with Approval 1-P-10-032 and 40 CFR Part 63.347, the Permittee shall submit semiannual compliance status reports to MassDEP and EPA regarding compliance of the chromium electroplating and anodizing equipment. However, if an exceedance of an emission limit occurs, the reporting frequency shall increase to quarterly. Exceedance reports shall be submitted by the 30th day following the end of each calendar quarter or half, as appropriate. The compliance status reports shall contain: a. The total operating time of each chromium electroplating or anodizing tank during the reporting period. b. The actual cumulative rectifier capacity expended during each month of the reporting period and the total for the entire reporting period. c. A summary of the pressure drop data for scrubber No. 3 and each mist eliminator during the reporting period, the total duration of excess emissions for each emission unit (as indicated by the pressure drop data), and the total duration of excess emissions for each emission unit expressed as a percent of the total unit operating time. d. A breakdown of the total duration of excess emissions into the time fractions that were due to process upsets, control equipment malfunctions, other known causes, and unknown causes. e. A certification by a responsible official that the work practice standards listed in Special Term and Condition (8) of this permit were followed in accordance with the O&M plan. If THE PERMITTEE did not follow the O&M plan, the report shall explain why not. f. A description of any changes in monitoring, processes, or controls since the last reporting period.
EU 6	9. In accordance with 40 CFR 63.11214(b), the Permittee shall submit a signed statement in the Notification of Compliance Status report that indicates that the Permittee conducted an initial tune-up of the boiler.
	10. In accordance with 40 CFR 63.11225(a)(1) and (2) and 40 CFR 63.9(b)(2), an Initial Notification shall be submitted to the USEPA and MassDEP no later than January 20, 2014.

Table 6c

EU	Reporting Requirements
EU 6	11. In accordance with 40 CFR 63.11225(a)(4), the Permittee shall submit the Notification of Compliance Status no later than 120 days after the applicable compliance date specified in § 63.11196. The Notification of Compliance Status must include the information and certification(s) of compliance in paragraphs (a)(4)(i) through (vi) of 40 CFR 63.11225 and as specified below, as applicable, and signed by a responsible official. a. You must submit the information required in §63.9(h)(2), except the information listed in § 63.9(h)(2)(i)(B), (D), (E), and (F). b. "This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler." c. "This facility has had an energy assessment performed according to §63.11214(c)." d. For units that install bag leak detection systems: "This facility complies with the requirements in §63.11224(f)." e. For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit." f. The notification must be submitted electronically using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) *(www.epa.gov/cdx)*. However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written Notification of Compliance Status must be submitted to the Administrator at the appropriate address listed in § 63.13
	12. In accordance with 40 CFR 63.11225(b), the Permittee shall prepare, by March 1 of every other year, and submit to MassDEP and the USEPA upon request, a biennial compliance certification report containing the information specified in 40 CFR 63.11225(b)(1) and (2) and as specified below. You must submit the report by March 15 if you had any instance described by paragraph 40 CFR 63.11225(b)(3). a. Company name and address. b. Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. Your notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official: 1) "This facility complies with the requirements in 40 CFR 63.11223 to conduct a biennial or 5-year tune-up, as applicable, of each boiler." 2) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit." 3) "This facility complies with the requirement in 40 CFR 63.11214(d) and 63.11223(g) to minimize the boiler's time spent during startup and shutdown and to conduct startups and shutdowns according to the manufacturer's recommended procedures or procedures specified for a boiler of similar design if manufacturer's recommended procedures are not available."
	13. In accordance with 310 CMR 7.00 Appendix C(10)(c), the Permittee shall submit to MassDEP two summaries (one by January 30 for the time period July - December of the previous calendar year, and the other by July 30 for the time period January - June of the current calendar year) of all monitoring data and related supporting information. The summaries shall contain the following (corresponding to items in Table 4 of this Operating Permit): a. A statement specifying whether the boiler has been tested for efficient operation and, b. A statement specifying whether compliance has been maintained with the oil sulfur monitoring requirement.

Table 6d

EU	Reporting Requirements
Facility-wide	14. In accordance with Approval 1-P-10-032, the Permittee shall submit facility-wide VOC emissions semiannual reports to MassDEP (one by January 30 for the time period July - December of the previous calendar year, and the other by July 30 for the time period January - June of the current calendar year). Each report shall summarize the total facility-wide VOC emissions during each month and during each 12 consecutive month period that ended during the reporting period
	15. In accordance with 1-O-07-046, the Permittee shall submit facility-wide individual and total HAP emission semiannual reports to MassDEP (one by January 30 for the time period July - December of the previous calendar year, and the other by July 30 for the time period January - June of the current calendar year). Each report shall summarize the total facility-wide HAP emissions and the highest facility-wide individual HAP emission during each month and during each 12 consecutive month period that ended during the reporting period.
	16. In accordance with 310 CMR 7.12, the Permittee shall submit a Source Registration/Emission Statement Form to MassDEP on an annual basis.
	17. In accordance with 310 CMR 7.13(1) and 7.13(2), if determined by MassDEP that stack testing is necessary to ascertain compliance with MassDEP's regulations or design approval provisos shall cause such stack testing to be summarized and submitted to MassDEP as prescribed in the agreed to pretest protocol.
	18. In accordance with 310 CMR 7.00 Appendix C(5)(b)9., the Permittee shall submit annually a certification that the facility is maintaining the required records to assure the facility is in compliance with the applicable requirements designated in this permit. **(See Provision 10 in "GENERAL CONDITIONS FOR OPERATING PERMIT")**
	19. In accordance with 310 CMR 7.00 Appendix C(10)(a), the Permittee shall submit to the MassDEP any record relevant to this operating permit or to the emissions of any air contaminant from the facility within 30 days of the request by the MassDEP or EPA.
	20. In accordance with 310 CMR 7.00: Appendix C(10)(c). the Permittee shall report a summary of all monitoring data and related supporting information to MassDEP at least every six months (January 30 and July 30 of each calendar year). **(See Provision 10 in "GENERAL CONDITIONS FOR OPERATING PERMIT")**
	21. In accordance with 310 CMR 7.00 Appendix C(10)(f), the Permittee shall report to the MassDEP's Regional Bureau of Waste Prevention all instances of deviations from permit requirements. **(See Provision 25 in "GENERAL CONDITIONS FOR OPERATING PERMIT")**
	22. In accordance with 310 CMR 7.71(5), by April 15th, 2010 and April 15th of each year thereafter report emissions of greenhouse gases from stationary emissions sources including, but not limited to, emissions from factory stacks, manufacturing processes and vents, fugitive emissions, and other process emissions; and owned or leased motor vehicles when stationary source greenhouse gas emissions are greater than 5,000 short tons CO_2e. Report greenhouse gas emissions electronically in a format that can be accommodated by the registry. (State only requirement)
	23. In accordance with 310 CMR 7.71(6), certify greenhouse gas emissions reports using a form provided by MassDEP or the registry. (State only requirement)
	24. In accordance with 310 CMR 7.71(7), by December 31st of the applicable year submit to MassDEP documentation of triennial verification of the greenhouse gas emissions report. (State only requirement)

Table 6 Key:

EU = Emission Unit
CFR = Code of Federal Regulations
CMR = Code of Massachusetts Regulations
O&M = Operation and Maintenance
PCD = Pollution Control Device
VOC = Volatile Organic Compound
HAP = Hazardous Air Pollutant
TCE = Trichloroethylene
CO_2e = Carbon Dioxide Equivalent

C. GENERAL APPLICABLE REQUIREMENTS

The Permittee shall comply with all generally applicable requirements contained in 310 CMR 7.00 et seq. and 310 CMR 8.00 et. seq., when subject.

D. REQUIREMENTS NOT CURRENTLY APPLICABLE

The Permittee is currently not subject to the following requirements:

Table 7

Regulation	Reason
310 CMR 7.16: Reduction of Single Occupant Commuter Vehicle Use	Facility employs fewer than 250 people
310 CMR 7.25: Consumer and Commercial Products	Not Applicable
40 CFR Part 64: Compliance Assurance Monitoring	Not Applicable

5. SPECIAL TERMS AND CONDITIONS

The Permittee is subject to and shall comply with the following special terms and conditions that are not contained in Table 3, 4, 5, and 6:

Table 8a

EU	Special Terms and Conditions
EU 1	1. In accordance with Approval 1-P-10-032 and 40 CFR 63.463, the batch vapor degreaser shall meet the following design and equipment specifications: a. The degreaser shall have an idling and downtime mode cover that may be readily opened or closed, that completely covers the degreaser opening when in place, does not disturb the vapor zone, and is free of cracks, holes, and other defects. The cover shall close below the level of any lip exhaust intake; b. The freeboard ratio, defined as the ratio of the freeboard height to the smaller interior dimension (length or width) of the degreaser, shall be greater than or equal to 1.0; c. The degreaser shall have an automated parts handling system capable of moving parts into or out of the degreaser at a speed no greater than 11.0 feet per minute; d. The degreaser shall have a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils or if the condenser coolant is not circulating properly; e. The degreaser shall have a vapor level control device to shut off the sump heat if the vapor level rises above the height of the freeboard refrigeration device; and f. The degreaser shall have a freeboard refrigeration device capable of generating a chilled air blanket having a temperature less than or equal to 30% of the solvent boiling point. For trichloroethylene, the maximum temperature of the chilled air blanket shall be 56.7º F as measure in the center of the air blanket.

Table 8b	
EU	**Special Terms and Conditions**
EU 1	2. In accordance with Approval 1-P-10-0032 and 40 CFR 63.463, the Permittee shall comply with the following work and operational practices with respect to the vapor degreaser: a. The cover shall be closed during the idling mode and the downtime mode, unless the solvent has been removed from the machine or maintenance or monitoring is being performed that requires the cover to be open; b. The parts baskets or parts being cleaned shall not occupy more than 50% of the solvent/air interface area; c. Any spraying operations shall be performed within the vapor zone; d. Parts shall be oriented so that the solvent drains from them freely. Parts having cavities or blind holes shall be tipped or rotated before being removed from the degreaser to allow solvent to drain; e. Parts baskets or parts shall not be removed from the degreaser until dripping has stopped; f. During startup of the degreaser, the freeboard refrigeration device shall be turned on before the sump heater. g. During shutdown, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the freeboard refrigeration device is turned off; h. When solvent is added to or drained from the degreaser, it shall be transferred using threaded or other leak proof couplings. The end of the pipe in the solvent sump shall be located beneath the liquid solvent surface; i. The degreaser shall be maintained in accordance with the manufacturer's recommendations; j. Each operator of the degreaser shall take and pass the applicable sections of the operating procedures test contained in 40 CFR Part 63 Subpart T Appendix A if requested by MassDEP or the United States Environmental Protection Agency ("EPA") during an inspection of the facility; k. Waste solvent, still bottoms, and sump bottoms shall be stored in closed containers. The containers may contain pressure relief devices if said devices will not allow liquid solvent to drain from the containers; l. The Permittee shall not clean sponges, fabric, wood, paper products, and other absorbent materials in the vapor degreaser; and m. The Permittee shall repair any liquid leaks or shut down the degreaser immediately upon discovery of said leaks; and n. The Permittee shall determine whether an exceedance has occurred in accordance with 40 CFR Part 63.463(e)(3).
	3. The Permittee shall ensure that the flow of air across the top of the freeboard area of the degreaser does not exceed 50 feet per minute at any time as measured using the procedures contained in 40 CFR Part 63 §63.466(d). The Permittee shall establish, document, and maintain the conditions under which the room draft was determined to be less than or equal to 50 feet per minute.
	4. EU 1 is subject to the requirements of 40 CFR 63.1-15, Subpart A, "General Provisions" as indicated in Appendix B to Subpart T of 40 CFR 63. Compliance with all applicable provisions therein is required.

Table 8c

EU	Special Terms and Conditions
EU 2 EU 3 EU 7 EU8 EU 9 EU10 EU11 EU12 EU 13	5. In accordance with Approval 1-P-11-019, EU2, EU3, EU7, EU 8, EU9, EU10, EU11, EU12, EU13, and associated paint spray gun(s), including cleanup operations, for the surface coating of miscellaneous metal parts and products are to be constructed and operated in accordance with the plans submitted with Plan Approval application 1-P-11-019.
	6. In accordance with Approval 1-P-11-019 and the best available control technology provision of 310 CMR 7.02(8)(a)2., spray guns shall utilize one of the following methods of spray application and be maintained and operated in accordance with the recommendations of the manufacturer: a. Electrostatic spray application; or b. High Volume Low Pressure (HVLP) spray application; or c. Any other coating application method that achieves a transfer efficiency equivalent to electrostatic or HVLP spray application and is approved by the MassDEP in writing.
	7. In accordance with Approval 1-P-11-019 and the best available control technology provision of 310 CMR 7.02(8)(a)2, the Mannix paint spray booths (Emission #7 through #13), or equivalent as determined by MassDEP, and Emission Unit #2 and #3 shall utilize two or more layers of dry fiber mat filter with a total thickness of at least two inches or an equivalent system as determined in writing by the MassDEP and that achieves particulate control efficiency of at least 97% by weight. Filter material shall be disposed in accordance with all applicable MassDEP regulations.
	8. In accordance with Approval 1-P-11-019 and the best available control technology provision of 310 CMR 7.02(8)(a)2, the face velocity of air at each paint spray booth filter shall not exceed 200 feet per minute.
	9. In accordance with Approval 1-P-11-019, the Mannix paint spray booths (Emission Unit #7 through #13), or equivalent as determined by MassDEP, and Emission Unit #2 and #3 shall have a stack or stack(s) which are conforming to the following criteria: a. The stack shall discharge vertically upwards; b. The stack shall not have rain protection of a type that restricts the vertical exhaust flow; c. The stack gas exit velocity shall be greater than 40 feet per second; and d. The minimum stack exit height shall be 35 feet above the ground or ten feet above roof level.
	10. In accordance with Approval 1-P-11-019 and the best available control technology provision of 310 CMR 7.02(8)(a)2, spray painting operations shall not be conducted outside of the paint spray booth.
	11. In accordance with Approval 1-P-11-019, the best available control technology provision of 310 CMR 7.02(8)(a)2. and 40 CFR 63.744(b)(2), the Permittee shall only use cleaning solvents for hand-wipe cleaning which have a composite vapor pressure of 45 mm Hg (24.1 in. H_2O) or less at 20°C (68 °F).
	12. In accordance with Approval 1-P-11-019 , the best available control technology provision of 310 CMR 7.02(8)(a)2 and 40 CFR 63.744(a)(1), the Permittee shall place used solvent-laden cloth, paper, or any other absorbent applicators used for cleaning in bags or other closed containers. Ensure that these bags and containers are kept closed at all times except when depositing or removing these materials from the container. Use bags and containers of such design so as to contain the vapors of the cleaning solvent. Cotton-tipped swabs used for very small cleaning operations are exempt from this requirement.
	13. In accordance with Approval 1-P-11-019, the best available control technology provision of 310 CMR 7.02(8)(a)2 and 40 CFR 63.744(a)(2), the Permittee shall store fresh and spent cleaning solvents in closed containers.

Table 8d

EU	Special Terms and Conditions
EU 2 EU 3 EU 7 EU8 EU 9 EU10 EU11 EU12 EU 13	14. In accordance with Approval 1-P-11-019, the best available control technology provision of 310 CMR 7.02(8)(a)2 and 40 CFR 63.744(a)(3), the Permittee shall conduct the handling and transfer of cleaning solvents to or from enclosed systems, vats, waste containers, and other cleaning operation equipment that hold or store fresh or spent cleaning solvents in such a manner that minimizes spills.
	15. In accordance with Approval 1-P-11-019, the best available control technology provision of 310 CMR 7.02(8)(a)2 and 40 CFR 63.744(c)(1)(i) and (ii), the Permittee shall clean the spray gun(s) in an enclosed system that is closed at all times except when inserting or removing the spray gun. Cleaning shall consist of forcing solvent through the gun. If leaks are found during the monthly inspection required in 40 CFR 63.751(a), repairs shall be made as soon as practicable, but no later than 15 days after the leak was found. If the leak is not repaired by the 15th day after detection, the cleaning solvent shall be removed, and the enclosed cleaner shall be shut down until the leak is repaired or its use is permanently discontinued.
	16. In accordance with Approval 1-P-11-019 and the best available control technology provision of 310 CMR 7.02(8)(a)2, spray guns shall be cleaned in a device that: a. minimizes solvent evaporation during the cleaning, rinsing, and draining operations; b. recirculates solvent during the cleaning operation so that the solvent is reused; and, c. collects spent solvent in a container with a tight-fitting cover so that it is available for proper disposal or recycling.
	17. In accordance with Approval 1-P-11-019 and the best available control technology provision of 310 CMR 7.02(8)(a)2, the Permittee shall employ all reasonable good housekeeping practices to minimize fugitive VOC and HAP emissions from the use of surface preparation products, cleanup solutions and the handling of coatings and any other VOC-containing and/or HAP-containing materials. The Permittee shall keep rags used during surface preparation or other solvent cleaning operations, fresh and spent solvent, and any other VOC-containing and/or HAP-containing materials in tightly closed containers as much as practical during use and at all times when not being used.
	18. In accordance with Approval 1-P-11-019, the hand-wipe cleaning, each spray gun cleaning operation, organic VOC or HAP emissions from primer or topcoat applications and inorganic HAP emissions from primer or topcoat applications performed at the facility are subject to Subpart GG of the National Emission Standards for Hazardous Air Pollutants, 40 CFR 63.741 through 63.759. The Permittee shall comply with all applicable requirements of the Subpart as well as any other applicable Subpart of the Standards of Hazardous Air Pollutants.
	19. In accordance with Approval 1-P-11-019, all air pollution control system monitoring devices including, but not limited to, differential pressure gauges, pressure tap lines, thermocouples, flow rate meters, and chart recorders shall be maintained in good working order and calibrated in accordance with the manufacturers' recommendations.
	20. EU 2, EU 3, EU 7, EU 8, EU9, EU10, EU 11, EU 12, EU 13 are subject to the requirements of 40 CFR 63.1-15, Subpart A. "General Provisions" as indicated in Table 1 to Subpart GG of 40 CFR 63. Compliance with all applicable provisions therein is required.

Table 8e	
EU	**Special Terms and Conditions**
EU 4	21. In accordance with Approval 1-P-10-032, the Permittee shall operate and maintain its chromium electroplating equipment, including air pollution control devices and monitoring equipment, in a manner consistent with good air pollution control practices at all times, including periods of startup, shutdown and malfunction.
	22. In accordance with Approval 1-P-10-032, the Permittee shall comply with the following work practice standards at all times, including periods of normal operation, startup, shutdown, and malfunction: a. Once per calendar quarter, visually inspect scrubber No. 3 and each mist eliminator to ensure there is proper drainage and no chromic acid buildup on the mesh pads. b. Once per calendar quarter, visually inspect scrubber No. 3 and each mist eliminator to ensure there is no evidence of chemical attack on the structural integrity of the devices. c. Once per calendar quarter, visually inspect the composite mesh pad closest to the fan to ensure there is no breakthrough of chromic acid mist. d. Once per calendar quarter, visually inspect the exhaust system ductwork to ensure there are no leaks. e. Wash down the mist eliminators and scrubber No. 3 regularly in accordance with the O&M plan. f. Clean and inspect the magnehelic gauges and related connections once per calendar quarter. The magnehelic connections shall be cleaned by back flushing them with water or removing them from the duct and rinsing them with fresh water. The magnehelic gauges and related connections shall be checked for damage and replaced if cracked or fatigued.
	23. In accordance with 1-P-10-032, the Permittee shall prepare, implement, and maintain up to date an Operation and Maintenance Plan ("O& M Plan") meeting the requirements of 40 CFR Part 63.342(f)(3).
	24. EU 4 is subject to the requirements of 40 CFR 63.1-15, Subpart A. "General Provisions" as indicated in Table 1 to Subpart N of 40 CFR 63. Compliance with all applicable provisions therein is required.
EU 6	25. EU #6 is subject to the National Emission Standard for Hazardous Air Pollutants for Area Sources: Industrial, Commercial, and Institutional Boilers, 40 CFR Part 63.11193 through 63.11237 and shall comply with all applicable standards by March 21, 2014.
	26. In accordance with 40 CFR 63.11205, at all times the Permittee shall operate and maintain EU #6, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.
	27. EU# 6 is subject to the requirements of 40 CFR 63.1-10,12-16, Subpart A, "General Provisions" [as indicated in Table"8" to Subpart JJJJJJ of 40 CFR 63]. Compliance with all applicable provisions therein is required.

Table 8 Key:

EU = Emission Unit
CFR = Code of Federal Regulations
CMR = Code of Massachusetts Regulations
ASTM = American Society for Testing & Materials
MassDEP = Massachusetts Department of Environmental Protection
EPA = United States Environmental Protection Agency
HVLP = High Volume Low Pressure
mm Hg = millimeters of mercury
in. H2O= inches of water
% = percent
°F = degrees Fahrenheit
°C = degrees Celsius
VOC = Volatile Organic Compounds
HAPs (total) = total Hazardous Air Pollutants

6. ALTERNATIVE OPERATING SCENARIOS

The Permittee did not request alternative operating scenarios in its Operating Permit application.

7. EMISSIONS TRADING

A. INTRA-FACILITY EMISSION TRADING

The Permittee did not request intra-facility emissions trading in its Operating Permit application.

A. INTER-FACILITY EMISSION TRADING

The Permittee did not request inter-facility emissions trading in its Operating Permit application.

8. COMPLIANCE SCHEDULE

The Permittee has indicated that the facility is in compliance and shall remain in compliance with the applicable requirements contained in Sections 4 and 5.

In addition, the Permittee shall comply with any applicable requirements that become effective during the Permit term.

GENERAL CONDITIONS FOR OPERATING PERMIT

9. FEES

The Permittee has paid the permit application processing fee and shall pay the annual compliance fee in accordance with the fee schedule pursuant to 310 CMR 4.00.

10. COMPLIANCE CERTIFICATION

All documents submitted to the MassDEP shall contain certification by the responsible official of truth, accuracy, and completeness. Such certification shall be in compliance with 310 CMR 7.01(2) and contain the following language:

"I certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment."

The "Operating Permit Reporting Kit" contains instructions and the Annual Compliance Report and Certification and the Semi-Annual Monitoring Summary Report and Certification. The "Operating Permit Reporting Kit" is available to the Permittee via the MassDEP's web site, http://www.mass.gov/dep/air/approvals/aqforms.htm#op.

A. Annual Compliance Report and Certification

The Responsible Official shall certify, annually for the calendar year, that the facility is in compliance with the requirements of this Operating Permit. The report shall be postmarked or delivered by January 30 to the MassDEP and to the Air Compliance Clerk, U.S. Environmental Protection Agency - New England Region. The report shall be submitted in compliance with the submission requirements below.

The compliance certification and report shall describe:

1) the terms and conditions of the Permit that are the basis of the certification;
2) the current compliance status and whether compliance was continuous or intermittent during the reporting period;
3) the methods used for determining compliance, including a description of the monitoring, record keeping, and reporting requirements and test methods; and
4) any additional information required by the MassDEP to determine the compliance status of the source.

B. Semi-Annual Monitoring Summary Report and Certification

The Responsible Official shall certify, semi-annually on the calendar year, that the facility is in compliance with the requirements of this Permit. The report shall be postmarked or delivered by

January 30 and July 30 to the MassDEP. The report shall be submitted in compliance with the submission requirements below.

The compliance certification and report shall describe:

1) the terms and conditions of the Permit that are the basis of the certification;
2) the current compliance status during the reporting period;
3) the methods used for determining compliance, including a description of the monitoring, record keeping, and reporting requirements and test methods;
4) whether there were any deviations during the reporting period;
5) if there are any outstanding deviations at the time of reporting, and the Corrective Action Plan to remedy said deviation;
6) whether deviations in the reporting period were previously reported;
7) if there are any outstanding deviations at the time of reporting, the proposed date of return to compliance;
8) if the deviations in the reporting period have returned to compliance and date of such return to compliance; and
9) any additional information required by the MassDEP to determine the compliance status of the source.

11. NONCOMPLIANCE

Any noncompliance with a permit condition constitutes a violation of 310 CMR 7.00: Appendix C and the Clean Air Act, and is grounds for enforcement action, for Permit termination or revocation, or for denial of an Operating Permit renewal application by the MassDEP and/or EPA. Noncompliance may also be grounds for assessment of administrative or civil penalties under M.G.L. c.21A, §16 and 310 CMR 5.00; and civil penalties under M.G.L. c.111, §142A and 142B. This Permit does not relieve the Permittee from the obligation to comply with any other provisions of 310 CMR 7.00 or the Act, or to obtain any other necessary authorizations from other governmental agencies, or to comply with all other applicable Federal, State, or Local rules and regulations, not addressed in this Permit.

12. PERMIT SHIELD

A. This facility has a permit shield provided that it operates in compliance with the terms and conditions of this Permit. Compliance with the terms and conditions of this Permit shall be deemed compliance with all applicable requirements specifically identified in Sections 4, 5, 6, and 7, for the emission units as described in the Permittee's application and as identified in this Permit.

Where there is a conflict between the terms and conditions of this Permit and any earlier approval or Permit, the terms and conditions of this Permit control.

B. The MassDEP has determined that the Permittee is not currently subject to the requirements listed in Section 4, Table 7.

C. Nothing in this Permit shall alter or affect the following:

1) the liability of the source for any violation of applicable requirements prior to or at the time of Permit issuance.
2) the applicable requirements of the Acid Rain Program, consistent with 42 U.S.C. §7401, §408(a); or
3) the ability of EPA to obtain information under 42 U.S.C. §7401, §114 or §303 of the Act.

13. ENFORCEMENT

The following regulations found at 310 CMR 7.02(8)(h) Table 6 for wood fuel, 7.04(9), 7.05(8), 7.09 (odor), 7.10 (noise), 7.18(1)(b), 7.21, 7.22, 7.70 and any condition(s) designated as "state only" are not federally enforceable because they are not required under the Act or under any of its applicable requirements. These regulations and conditions are not enforceable by the EPA. Citizens may seek equitable or declaratory relief to enforce these regulations and conditions pursuant to Massachusetts General Law Chapter 214, Section 7A

All other terms and conditions contained in this Permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the MassDEP, EPA and citizens as defined under the Act.

A Permittee shall not claim as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

14. PERMIT TERM

This Permit shall expire on the date specified on the cover page of this Permit, which shall not be later than the date 5 years after issuance of this Permit.

Permit expiration terminates the Permittee's right to operate the facility's emission units, control equipment or associated equipment covered by this Permit, unless a timely and complete renewal application is submitted at least 6 months before the expiration date.

15. PERMIT RENEWAL

Upon the MassDEP's receipt of a complete and timely application for renewal, this facility may continue to operate subject to final action by the MassDEP on the renewal application.

In the event the MassDEP has not taken final action on the Operating Permit renewal application prior to this Permit's expiration date, this Permit shall remain in effect until the MassDEP takes final action on the renewal application, provided that a timely and complete renewal application has been submitted in accordance with 310 CMR 7.00: Appendix C(13).

16. REOPENING FOR CAUSE

This Permit may be modified, revoked, reopened, and reissued, or terminated for cause by the MassDEP and/or EPA. The responsible official of the facility may request that the MassDEP terminate the facility's Operating Permit for cause. The MassDEP will reopen and amend this Permit in accordance with the

conditions and procedures under 310 CMR 7.00: Appendix C(14).

The filing of a request by the Permittee for an Operating Permit revision, revocation and reissuance, or termination, or a notification of a planned change or anticipated noncompliance does not stay any Operating Permit condition.

17. DUTY TO PROVIDE INFORMATION

Upon the MassDEP's written request, the Permittee shall furnish, within a reasonable time, any information necessary for determining whether cause exists for modifying, revoking and reissuing, or terminating the Permit, or to determine compliance with the Permit. Upon request, the Permittee shall furnish to the MassDEP copies of records that the Permittee is required to retain by this Permit.

18. DUTY TO SUPPLEMENT

The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information. The Permittee shall also provide additional information as necessary to address any requirements that become applicable to the facility after the date a complete renewal application was submitted but prior to release of a draft permit.

The Permittee shall promptly, on discovery, report to the MassDEP a material error or omission in any records, reports, plans, or other documents previously provided to the MassDEP.

19. TRANSFER OF OWNERSHIP OR OPERATION

This Permit is not transferable by the Permittee unless done in accordance with 310 CMR 7.00: Appendix C(8)(a). A change in ownership or operation control is considered an administrative permit amendment if no other change in the Permit is necessary and provided that a written agreement containing a specific date for transfer of Permit responsibility, coverage and liability between current and new Permittee, has been submitted to the MassDEP.

20. PROPERTY RIGHTS

This Permit does not convey any property rights of any sort, or any exclusive privilege.

21. INSPECTION AND ENTRY

Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow authorized representatives of the MassDEP, and EPA to perform the following:

A. enter upon the Permittee's premises where an operating permit source activity is located or emissions-related activity is conducted, or where records must be kept under the conditions of this Permit;

B. have access to and copy, at reasonable times, any records that must be kept under the conditions of

this Permit;

C. inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and

D. Sample or monitor at reasonable times any substances or parameters for the purpose of assuring compliance with the Operating Permit or applicable requirements as per 310 CMR 7.00 Appendix C(3)(g)(12).

22. PERMIT AVAILABILITY

The Permittee shall have available at the facility, at all times, a copy of the materials listed under 310 CMR 7.00: Appendix C(10)(e) and shall provide a copy of the Operating Permit, including any amendments or attachments thereto, upon request by the MassDEP or EPA.

23. SEVERABILITY CLAUSE

The provisions of this Permit are severable, and if any provision of this Permit, or the application of any provision of this Permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit, shall not be affected thereby.

24. EMERGENCY CONDITIONS

The Permittee shall be shielded from enforcement action brought for noncompliance with technology based[1] emission limitations specified in this Permit as a result of an emergency[2]. In order to use emergency as an affirmative defense to an action brought for noncompliance, the Permittee shall demonstrate the affirmative defense through properly signed, contemporaneous operating logs, or other relevant evidence that:

A. an emergency occurred and that the Permittee can identify the cause(s) of the emergency;

B. the permitted facility was at the time being properly operated;

C. during the period of the emergency, the Permittee took all reasonable steps as expeditiously as possible, to minimize levels of emissions that exceeded the emissions standards, or other requirements in this Permit; and

D. the Permittee submitted notice of the emergency to the MassDEP within two (2) business days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emission, and corrective actions taken.

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[1] Technology based emission limits are those established on the basis of emission reductions achievable with various control measures or process changes (e.g., a new source performance standard) rather than those established to attain health based air quality standards.

[2] An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation would require immediate corrective action to restore normal operation, and that causes the source to exceed a technology based limitation under the Permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operations, operator error or decision to keep operating despite knowledge of any of these things.

If an emergency episode requires immediate notification to the Bureau of Waste Site Cleanup/Emergency Response, immediate notification to the appropriate parties should be made as required by law.

25. PERMIT DEVIATION

Deviations are instances where any permit condition is violated and not reported as an emergency pursuant to section 24 of this Permit. Reporting a permit deviation is not an affirmative defense for action brought for noncompliance. Any reporting requirements listed in Table 6 of this Operating Permit shall supersede the following deviation reporting requirements, if applicable.

The Permittee shall report to the MassDEP's Regional Bureau of Waste Prevention the following deviations from permit requirements, by telephone, by fax or by electronic mail (e-mail), within three (3) days of discovery of such deviation:

A. Unpermitted pollutant releases, excess emissions or opacity exceedances measured directly by CEMS/COMS, by EPA reference methods or by other credible evidence, which are ten percent (10%) or more above the emission limit.

B. Exceedances of parameter limits established by your Operating Permit or other approvals, where the parameter limit is identified by the Permit or approval as surrogate for an emission limit.

C. Exceedances of Permit operational limitations directly correlated to excess emissions.

D. Failure to capture valid emissions or opacity monitoring data or to maintain monitoring equipment as required by statutes, regulations, your Operating Permit, or other approvals.

E. Failure to perform QA/QC measures as required by your Operating Permit or other approvals for instruments that directly monitor compliance.

For all other deviations, three (3) day notification is waived and is satisfied by the documentation required in the subsequent Semi-Annual Monitoring Summary and Certification. Instructions and forms for reporting deviations are found in the MassDEP Bureau of Waste Prevention Air Operating Permit Reporting Kit, which is available to the Permittee via the MassDEP's web site, http://www.mass.gov/dep/air/approvals/aqforms.htm#op .
This report shall include the deviation, including those attributable to upset conditions as defined in the Permit, the probable cause of such deviations, and the corrective actions or preventative measures taken.

Deviations that were reported by telephone, fax or electronic mail (e-mail) within 3 days of discovery, said deviations shall also be submitted in writing via the Operating Permit Deviation Report to the regional Bureau of Waste Prevention within ten (10) days of discovery. For deviations, which do not require 3-day verbal notification, follow-up reporting requirements are satisfied by the documentation required in the aforementioned Semi-Annual Monitoring Summary and Certification.

26. OPERATIONAL FLEXIBILITY

The Permittee is allowed to make changes at the facility consistent with 42 U.S.C. §7401, §502(b)(10) not specifically prohibited by the Permit and in compliance with all applicable requirements provided the Permittee gives the EPA and the MassDEP written notice fifteen days prior to said change; notification is not required for exempt activities listed at 310 CMR 7.00: Appendix C(5)(h) and (i). The notice shall comply with the requirements stated at 310 CMR 7.00: Appendix C(7)(a) and will be appended to the facility's Permit. The permit shield allowed for at 310 CMR 7.00: Appendix C(12) shall not apply to these changes.

27. MODIFICATIONS

A. Administrative Amendments - The Permittee may make changes at the facility which are considered administrative amendments pursuant to 310 CMR 7.00: Appendix C(8)(a)1., provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(b).

B. Minor Modifications - The Permittee may make changes at the facility which are considered minor modifications pursuant to 310 CMR 7.00: Appendix C(8)(a)2.,provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(d).

C. Significant Modifications - The Permittee may make changes at the facility which are considered significant modifications pursuant to 310 CMR 7.00: Appendix C(8)(a)3., provided they comply with the requirements established at 310 CMR 7.00: Appendix C(8)(c).

D. No permit revision shall be required, under any approved economic incentives program, marketable permits program, emission trading program and other similar programs or processes, for changes that are provided in this Operating Permit. A revision to the Permit is not required for increases in emissions that are authorized by allowances acquired pursuant to the Acid Rain Program under Title IV of the Act, provided that such increases do not require an Operating Permit revision under any other applicable requirement.

28. OZONE DEPLETING SUBSTANCES

This section contains air pollution control requirements that are applicable to this facility, and the United States Environmental Protection Agency enforces these requirements.

A. The Permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

1) All containers containing a class I or class II substance that is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to 40 CFR 82.106.

2) The placement of the required warning statement must comply with the requirements of 40 CFR 82.108.

3) The form of the label bearing the required warning statement must comply with the requirements of 40 CFR 82.110.

4) No person may modify, remove or interfere with the required warning statement except as described in 40 CFR 82.112.

B. The Permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVAC) in Subpart B:

1) Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices of 40 CFR 82.156.

2) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment of 40 CFR 82.158.

3) Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

4) Persons disposing of small appliances, MVACs and MVAC-like appliances (as defined in 40 CFR 82.152) must comply with recordkeeping requirements of 40 CFR 82.166.

5) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair equipment requirements of 40 CFR 82.156.

6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

C. If the Permittee manufactures, transforms, imports or exports a class I or class II substance, the Permittee is subject to all the requirements as specified in 40 CFR Part82, Subpart A, "Production and Consumption Controls".

D. If the Permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, "Servicing of Motor Vehicle Air Conditioners". The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo or system used on passenger buses using HCFC-22 refrigerant.

E. The Permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, "Significant New Alternatives Policy Program".

29. PREVENTION OF ACCIDENTAL RELEASES

This section contains air pollution control requirements that are applicable to this facility, and the United States Environmental Protection Agency enforces these requirements.

Your facility is subject to the requirements of the General Duty Clause, under 112(r)(1) of the CAA Amendments of 1990. This clause specifies that owners or operators of stationary sources producing, processing, handling or storing a chemical in any quantity listed in 40 CFR Part 68 or any other extremely hazardous substance have a general duty to identify hazards associated with these substances and to design, operate and maintain a safe facility, in order to prevent releases and to minimize the consequences of accidental releases which may occur.

APPEAL CONDITIONS FOR OPERATING PERMIT

This Permit is an action of the MassDEP. If you are aggrieved by this action, you may request an adjudicatory hearing within 21 days of issuance of this Permit. In addition, any person who participates in any public participation process required by the Federal Clean Air Act, 42 U.S.C. §7401, §502(b)(6) or under 310 CMR 7.00: Appendix C(6), with respect to the MassDEP's final action on operating permits governing air emissions, and who has standing to sue with respect to the matter pursuant to federal constitutional law, may initiate an adjudicatory hearing pursuant to Chapter 30A, and may obtain judicial review, pursuant to Chapter 30A, of a final decision therein.

If an adjudicatory hearing is requested, the facility must continue to comply with all existing federal and state applicable requirements to which the facility is currently subject, until a final decision is issued in the case or the appeal is withdrawn. During this period, the application shield shall remain in effect, and the facility shall not be in violation of the Act for operating without a Permit.

Under 310 CMR 1.01(6)(b), the request must state clearly and concisely the facts which are the grounds for the request, and the relief sought. Additionally, the request must state why the Permit is not consistent with applicable laws and regulations.

The hearing request along with a valid check payable to The Commonwealth of Massachusetts in the amount of one hundred dollars ($100.00) must be mailed to:

The Commonwealth of Massachusetts
Department of Environmental Protection
P.O. Box 4062
Boston, MA 02211

The request will be dismissed if the filing fee is not paid unless the appellant is exempt or granted a waiver as described below.

The filing fee is not required if the appellant is a city or town (or municipal agency) county, or district of the Commonwealth of Massachusetts, or a municipal housing authority.

The MassDEP may waive the adjudicatory hearing filing fee for a person who shows that paying the fee will create an undue financial hardship. A person seeking a waiver must file, together with the hearing request as provided above, an affidavit setting forth the facts believed to support the claim of undue financial hardship.